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United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

MAY, 1930

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishment at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

419-R. The Great Atlantic & Pacific Tea Co., State Street and Pennsylvania

Railroad; mail, P. O. box 1447, Indianapolis, Ind. 910. Pincus & Batt (Inc.), 307 Callowhill Street; mail, 218 Callowhill Street, Philadelphia, Pa.

Meat Inspection Withdrawn

- 225. Superior Packing Co. (Inc.), 742-744 West Forty-fifth Street, Chicago,
- Roma Provision Co. (Inc.), New York, N. Y.
 From subsidiary: R. Masston Co., under establishment 1020, Boston Food Products Co.

Horse-Meat Inspection Withdrawn

E-91. Holland-American Operating Co., Great Falls, Mont.

Meat Inspection Extended

- 2-P. Armour & Co., Chattanooga, Tenn., to include The North American Provision Co. and Hammond Packing Co.
 71. Swift & Co., Jersey City, N. J., to include Underwood Packing Co.

Change in Name of Official Establishment

- 72-B. Nevada Packing Co., Fourth and Alameda Streets; mail, P. O. box 750, Reno, Nev., instead of Western Meat Co. 552. Hebrew National Kosher Sausage Factory (Inc.), 155 East Broadway,
 - New York, N. Y., instead of Hebrew National Kosher Sausage Factory.

New Station

St. Albans, Vt., Canadian import and export inspection, Dr. H. M. Smith, in charge.

Change of Official in Charge

Dr. J. A. Thompson succeeds Doctor Kitzhofer as inspector in charge at Grand Forks, N. Dak.

Dr. J. H. Kitzhofer succeeds Doctor Johnson as inspector in charge at West

Fargo, N. Dak.

Dr. B. C. Johnson succeeds Doctor Stingley as inspector in charge at Albert Lea, Minn.

Dr. O. A. Stingley succeeds Doctor Bingham as inspector in charge at Topeka,

Dr. F. S. Bingham succeeds Doctor Smith as inspector in charge at Providence, R. I.

[Corrections in New Directory

Page 1. Arlington, L. I., should be Arlington, S. I. (Staten Island.)

Page 22. Add establishment 294, Joseph S. Stein & Co., 705 Callowhill Street, Philadelphia, Pa.

Page 27. Under establishment 680, Armour & Co., H. H. Stanton Co. should be E. H. Stanton Co.

NOTICES REGARDING MEAT INSPECTION

ANIMAL CASINGS OF FOREIGN ORIGIN

Certificates required by B. A. I. Order 305 and instructions issued thereunder. which bear the official title of the high official of the foreign country as specified below, will be acceptable with animal casings offered for importation into the United States.

The certificates must also bear the signature of the high official of the national Government having jurisdiction over the health of animals in the foreign country in which the casings originated, but owing to the fact that the high officials are changed from time to time it is impracticable to publish their names.

Official title Foreign country Minister of the Interior...... Sweden.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION. **APRIL. 1930**

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore Buffalo Chicago Chicago Cincinnati Cleveland Denver Detroit Fort Worth Indianapolis Kansas City Milwankee National Stock Yards New York Omaha Philadelphia St. Louis Sioux City South St. Joseph South St. Paul Wichita	7, 596 117, 396 11, 486 5, 878 6, 657 6, 136 18, 291 15, 386 60, 547 13, 878 24, 005 31, 037 67, 463 4, 747 10, 628 33, 141 20, 241	1, 407 2, 876 66, 933 9, 618 6, 397 1, 655 7, 778 8, 981 1, 6, 527 16, 034 72, 927 15, 394 64, 067 4, 703 8, 137 1, 579 5, 633 58, 921 1, 811	410 6, 671 242, 637 6, 022 11, 684 23, 511 7, 131 25, 390 4, 654 173, 498 3, 760 23, 231 219, 157 209, 631 15, 909 4, 229 62, 174 131, 867 21, 382 5, 262	1 2 1 89 22 19 4 5 6 6	67, 548 468, 306 75, 464 54, 646 26, 902 67, 227 39, 577 99, 041 198, 146
All other stations	127, 651	84, 330	178, 339	417	1, 243, 180
Total: April, 1930	662, 382	454, 635 460, 297 3, 714, 548 3, 755, 351	1, 386, 549 1, 118, 935 12, 642, 209 11, 459, 228	570 1, 924 19, 873 16, 743	3, 480, 415 3, 761, 230 39, 177, 391 39, 610, 035
New York, Brooklyn, Jersey City, and Newark 1	37, 383	71,822	264, 489	68	194, 142

¹ The slaughter figures in this group of cities are included in the figures above for New York and all other stations and are combined here to show total in the Greater New York district.

Horses slaughtered in April, 1930	6.406
Horses slaughtered in April, 1929	4 212
10 months ended April, 1930	113, 841
	98 288

Inspections of lard at all establishments, 134,557,749 inspection pounds; compound and other substitutes, 36,868,854 inspection pounds; sausage, 59,834,807 inspection pounds; oleomargarine, 13,148,833 inspection pounds.

Corresponding inspections for April, 1929; Lard, 152,113,709 inspection pounds; compound and other substitutes, 33,542,711 inspection pounds; sausage, 63,565,410 inspection pounds; oleomargarine, 13,572,042 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE IMPORTANT MARKETS, APRIL, 1930

	(D-4-1	Retained for tuberculosis				
Kind and station	Total slaughter	Total	Passed for cooking	Condemned		
Cattle: Chicago. Kansas City. Omaha. Swine: Chicago. Kansas City. Omaha.	117, 309 60, 547 67, 463 468, 306 198, 146 180, 489	4, 580 277 744 67, 981 11, 018 17, 523	103 5 25 932 124 195	475 27 57 730 103 149		

CAUSES OF CONDEMNATION OF CARCASSES, MARCH, 1930

Cause	Cattle	Calves	Sheep	Swine
Emaciation	453	145	295	48 818
Inflammatory diseases	1,082	268 677	449	2, 660
Tuberculosis All other causes	1, 876 916	36 205	534	2, 770 3, 746
Total	4, 327	1, 331	1, 278	10, 042

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during April, 1930, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico	47, 214 7, 926 396	26	2, 186 20	2
England	19 33 381		133 12	
Total:	55, 969 99, 652 352, 591 471, 321	26 65 2,061 2,880	2, 351 11, 735 7, 807 34, 947	2 16 148 243

Imported meats and meat food products

Count or toward	Fresh and	refrigerated	Cured and	Other meat products	Total					
Country of export	Beef	Other	canned		weight					
Argentina	Pounds	Pounds	Pounds 4, 485, 495	Pounds 2, 300	Pounds 4, 487, 795					
Australia Brazil	61, 226	23, 492	190, 701	14, 433 30, 240	99, 151 220, 941					
Canada	334, 232	369, 650 10, 672	589, 331	263, 520	1, 556, 733 387, 078					
ParaguayUruguay			434, 599 3, 163, 583	34, 398	434, 599 3, 197, 981					
Other countries				122, 896	772, 427					
Total: April, 1930 April, 1929 10 months ended April, 1930 10 months ended April, 1929		403, 814 1, 612, 591 5, 368, 925 12, 165, 306	9, 090, 498 9, 144, 678 77, 470, 437 71, 501, 241	467, 787 922, 836 7, 436, 932 9, 694, 061	11, 156, 705 15, 694, 963 113, 152, 790 139, 367, 116					

Condemned in April, 1930: Beef, 295 pounds; pork, 12 pounds; total, 307 pounds. Refused entry: Pork, 26 pounds.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, APRIL, 1930

	, , , , , , , , , , , , , , , , , , , ,									
	Tuberculin tests month				Total to date					
State	Herds or lots	Cattle tested	Cattle re- acted	Once- tested free herds	Ac- cred- ited herds	Herds under super- vision	Inspector in charge	State official		
Ala Ariz Ark Calif	1, 900 393 1, 330 396	13, 288 5, 020 6, 675 19, 917	0 39 45 94	8, 905 8, 366 11, 934 7, 311	317 46 19 135	8, 454 11, 953	R. E. Jackson F. L. Schneider W. A. McDonald R. Snyder	R. J. Hight, Phoenix. J. H. Bux, Little Rock.		
Colo Conn	43 1, 262	951 18, 847	12 432	1, 476 3, 356	182 3, 111		W. E. Howe R. L. Smith	C. G. Lamb, Denver.		
Del	361	4, 455	445	4, 379	1, 286	6, 414	E. B. Simonds	O. A. Newton, Bridge- ville.		
D. C Fla	46 89	825 3, 418	1 99	8, 123	1 99		A. E. Wight J. G. Fish	J. V. Knapp, Tallahas-		
Ga Idaho Ill	1, 941 312 9, 086	5, 978 7, 829 97, 912	3 9 1, 328	43, 070 36, 862 19, 398	31 63 5, 566	40, 127	A. L. Hirleman W. A. Sullivan J. J. Lintner	see. J. M. Sutton, Atlanta. A. J. Dickman, Boise. D. W. Robison, Spring-field.		
Ind	3, 366	29, 337	74	146, 717	22, 130	170, 846	J. E. Gibson	Frank H. Brown, In- dianapolis.		
Iowa	7, 006	123, 333	2, 546	136, 949	2, 954	209, 940	J. A. Barger	M. G. Thornburg, Des Moines.		
Kans Ky	1, 576 1, 024	20, 658 8, 563	91 24	102, 597 78, 374	597 39		N. L. Townsend W. F. Biles	J. H. Mercer, Topeka.		
La	282	6, 336	93	2, 943	13	3, 098	G. T. Cole			
Me	319 1, 578	5, 178 17, 741	27, 415	42, 778 16, 359	952 8, 937			H. M. Tucker, Augusta. James B. George, Balti- more.		
Mass	609	9, 959	1, 036	2, 943	1, 763	6, 003	E. A. Crossman	E. F. Richardson, Boston.		
Mich Minn Miss	6, 466 2, 671 366	56, 256 52, 165 2, 511	233 323 1	183, 427 102, 162 9, 923	9, 083 28	112, 424	T. S. Rich W. J. Fretz H. Robbins	C. H. Clark, Lansing. C. E. Cotton, St. Paul. G. B. Bradshaw, Jack		
Мо	1, 161	13, 748	€6	80, 425	230	84, 234	Ralph Graham			
Mont Nebr Nev N. H N. J. N. Mex.	230 3, 137 216 1, 292 513 110	5, 107 40, 114 4, 374 15, 717 5, 384 1, 258	20 325 6 233 317 1	32, 672 77, 598 1, 992 3, 297 4, 562 2, 633	91 120 16 4, 268 3, 419 24	78, 376 2, 301 7, 997 11, 657	J. W. Murdoch A. H. Francis L. C. Butterfield. E. A. Crossman W. G. Middleton. F. L. Schneider	Edward Records, Reno. A. L. Felker, Concord. J. H. McNeil, Trenton.		

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, APRIL, 1930—Continued

	Tuber	ulin tests month	during	Total to date				
State	Herds or lots	Cattle tested	Cattle re- acted	Once- tested free herds	Ac- cred- ited herds	Herds under super- vision	Inspector in charge	State official
N. Y N. C N. Dak.	7, 929 202 1, 499	106, 989 2, 443 32, 968	197	26, 152 256, 619 56, 159	305 5, 322	256, 924 67, 798	H. B. Lconard W. C. Dendinger. H. H. Collenour	E. T. Faulder, Albany. WilliamMoore, Raleigh, W. F. Crewe, Bismarck.
Ohio	8, 935 83	76, 041 4, 061		202, 794 3, 054		1	A. J. De Fosset L. J. Allen	C. McCandless, Co- lumbus. C. C. Hisel, Oklahoma
Oreg		14, 670 60, 305		22, 429 116, 923	453 6, 116		S. B. Foster J. B. Reidy	City. W. H. Lytle, Salem. T. E. Munce, Harris-
R. I		1, 992		249		1	E. A. Crossman	burg. T. E. Robinson, Providence.
S. C. S. Dak. Tenn.	1, 237 274 1, 303 367	5, 512 7, 542 12, 483 7, 717	46 10	68, 575 9, 851 70, 523 82	111 1, 187 128 402	11, 205 70, 750	H. L. Fry	W. K. Lewis, Columbia T. H. Ruth, Pierre. J. M. Jones, Nashville. N. F. Williams, Fort
Utah	1, 241	8, 330	50	12, 254	99	12, 637	F. E. Murray	Worth. W. H. Hendricks, Salt Lake City.
Vt	971	19, 993	215	5, 487	7, 450	20, 957	L. H. Adams	Edward H.Jones, Mont- pelier.
Va	2, 470	15, 408	53	52, 251	972	53, 492	R. E. Brookbank	H. C. Givens, Rich-
Wash W. Va		16, 994 10, 599	182 31	45, 291 60, 135	93 628		J. C. Exline H. M. Newton	mond. Robert Prior, Olympia. John W.Smith, Charleston.
Wis	5, 014	91, 077	282	170, 030	12, 630	185, 455	J. S. Healy	Walter Wisnicky, Mad- ison.
Wy0	87	1, 699		11, 211			John T. Dallas	
Total .	96, 102	1, 099, 677	17, 957	2, 371, 644	181, 177	2, 853, 338		

SUMMARY OF HOG-CHOLERA-CONTROL WORK, APRIL, 1930

	Bureau veteri-	Meet-	Prem-	Demon	strations	Autop-		Farms	Out- breaks report-
State	narians engaged in work	ings ad-	ises in- vesti- gated	Num- ber	Hogs treated	sies per- formed	tined or	cleaned and dis- infected	-3 4-
AlabamaArkansas	1	7	79 45	3		2			23
California	.1		3			3			2
Colorado	1.2	37	30			14 21			4
Florida Georgia	1. 2 1. 3	4	118 124	53 13	1, 800 204	21			5 17
Idaho	. 5	î	78						
Illinois Indiana	3 2	1	225 138	4	170	47 14	10	17	23 14
Iowa	2	1	52			6			13
Kansas	1		48						
Kentucky	2. 5	1	249 82	2	51	16		5	13
Maryland	2	2	265			10	13		24
Michigan	2 1, 03		77	1	19	4			4 3
Mississippi Missouri	1.03	1 2	135 94	117	1, 005	6			9
Montana	. 1		2				2		1
Nebraska North Carolina	. 14		14	2	264	7			3
Ohio	1.5	9	113	2	60	10			15
Oklahoma	2		171	1	40	2	4		8
South Carolina South Dakota	1		43 14	38 1	562 41	8			10
Tennessee	1		93			1			55
TexasVirginia	1	1	80			2 2	1		2
Washington)	1	138	1	12	_			_
Oregon	1.5		75			2	1		3
Wisconsin	1		17	1	23	8	3		3
Total	35. 23	69	2, 605	239	4, 251	190	34	22	264

¹ Fractions denote men devoting part time to the work.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES

	Total serum	Clear serum completed	Hyperim- mune blood cleared	Simultane- ous virus	Hyperim- munizing virus
April, 1930	C. c.	C. c.	C. c.	C. c.	C. c.
	70, 060, 452	54, 357, 220	73, 929, 009	3, 689, 560	18, 027, 053
	86, 162, 166	56, 813, 443	81, 110, 057	3, 973, 607	23, 705, 101
	691, 867, 010	512, 711, 568	596, 401, 598	41, 821, 657	137, 788, 216
	765, 403, 574	578, 132, 328	686, 566, 479	49, 137, 449	170, 636, 491

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, APRIL, 1930

License No. 158 was issued April 29, 1930, to Globe Laboratories, Fostepco Heights, near Fort Worth, Tex., for enteritis mixed bacterin (swine).

License No. 180 was issued April 19, 1930, to Klusmire Biologic Laboratories,

2509 O Street, Omaha, Nebr., for hemorrhagic-septicemia bacterin.

License No. 190 was issued April 4, 1930, to the National Drug Co., 5109 and 5111 Germantown Avenue, Philadelphia, Pa., and Swiftwater, Pa., for tuberculin. License No. 191 was issued April 28, 1930, to Ashe Lockhart (Inc.), 800-804 Woodswether Road, Kansas City, Mo., for abortion bacterin (bovine); anticalf-scour serum; mixed bacterin (cuniculi).

FIELD ASSAY FOR PHENOL IN SERUMS AND VIRUSES

For the information of employees or other persons interested in the method used in the field for controlling the phenol content of serums and viruses, there is now available a General Description of the B. A. I. "P-2" Test for Phenol in Serums and Viruses, which supplements the Directions for Use previously issued.

PERMITTED DISINFECTANTS

In accordance with the provisions of B. A. I. Order 309, governing the interstate movement of livestock, the bureau has issued the following permits in the general disinfection of cars, yards, and other premises:

DISTRIBUTOR

To Dr. David Roberts Veterinary Co. (Inc.), Waukesha, Wis., for the distribution and use of San-I-Sol under the name of "Germi-Sol.". Germi-Sol is identical with San-I-Sol, manufactured by McLaughlin, Gormley King Co. 1715 Fifth Street SE., Minneapolis, Minn.

Street SE., Minneapolis, Minn.

To Mooney-Mueller-Ward Co., 101 South Meridian Street, Indianapolis, Ind., for the distribution and use of Cresyline Cresol Compound under the name of "Mooney's Cresol Compound." Mooney's Cresol Compound is identical with Cresyline Cresol Compound, manufactured by the Hunt Manufacturing Co., of Cleveland, Ohio.

CHANGE IN SOURCE OF SUPPLY

To the Carbola Chemical Co. (Inc.), Natural Bridge, N. Y., for the distribution and use of Hexol under the name of "Carbola Liquid Disinfectant." Carbola Liquid Disinfectant is identical with Hexol manufactured by the Tar Products Corporation, Providence, R. I. On December 7, 1925, permission was granted to the said Carbola Chemical Co. (Inc.), for the distribution and use of Crestall Dip manufactured by Baird & McGuire (Inc.), of Holbrook, Mass., under the same trade name of "Carbola Liquid Disinfectant," which permission is hereby withdrawn at the request of the distributor and Hexol substituted in place thereof.

LOCATING SOURCE OF COMMUNICABLE DISEASES THROUGH F. I. FORM 11-C REPORT

In a number of instances the furnishing of an F. I. Form 11-C report has been of considerable value in locating premises where communicable diseases of livestock exist, especially tuberculosis, hog cholera, lip-and-leg ulceration, distomiasis, cysticercosis, etc. Inspectors in charge are directed to supply these reports whenever it is practicable to do so. The original should be forwarded to the bureau, one copy to the appropriate State official of the State of origin of the animals covered by the report and a copy should also be forwarded to the bureau inspector in charge of control of the disease in the State of origin covered by the report.

F. I. FORM 59-C SUPERSEDED BY P. S. FORM 59-C

Form F. I. 59-C has been superseded by Form P. S. 59-C. The latter form should be used in reporting alleged violations of the 28-hour law and the quar-

antine regulations of the department.

A supply of the new form should be requested in the usual manner on the next requisition submitted, and when it is received the old forms on hand should

be utilized as scratch paper.

DECLARATION REGARDING FOOT-AND-MOUTH DISEASE AND RIN-DERPEST IN FOREIGN COUNTRIES

[The following statement, designated as Declaration No. 7, was issued May 17, 1930, by R. W. Dunlap, Acting Secretary of Agriculture]

The Secretary of Agriculture having so determined, it is hereby declared that The Secretary of Agriculture naving so determined, it is hereby declared that Australia, Canada, the Channel Islands, Finland, Great Britain, Guam, Ireland (Northern Ireland and Irish Free State), Japan, Mexico, New Zcaland, Norway, the Union of South Africa, the islands of the West Indies, the Falkland Islands, and the island of South Georgia in the South Atlantic Ocean, the Territory of Papua in British New Guinea and the Cook, Fiji, Fanning, Washington, Marquesas, Samoa (Navigators), Society, Tonga (Friendly), New Hebrides, Gilbert, British Solomon and Ellice groups of islands in the South Pacific Ocean are free from foot-and-mouth disease and rinderpest.

This declaration is made in accordance with section 2, regulation 7; section 2, regulation 8; section 2 (a), regulation 10; section 1 (a), regulation 12; and section 3, regulation 13, of the regulations governing the sanitary handling and control of hides, fleshings, hide cuttings, parings, and glue stock, sheepskins and goatskins and parts thereof, hair, wool, and other animal by-products, hay, straw, forage, or similar material offered for entry into the United States (B. A. I. Order 313), and will supersede Declaration No. 6 of this department, dated December 10, 1927.

NOTICE REGARDING MILITARY LEAVE

In case of employees who are members of the National Guard, Officers' Reserve Corps, and Naval Reserve and who are called for military training in accordance with the provisions of paragraph 489 of the administrative regulations of the department, promptly upon their return to duty formal applications for such absence on the regular leave form (scratching out "annual—sick—without pay" and substituting "military"), accompanied by a certificate of attendance signed by the commanding officer, should be forwarded to the Washington office. In rendering time report to accompany the pay roll, such absence should be designated by M (military leave).

Attendance at citizens' military training camps is not authorized as military

leave.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Twenty-Eight-Hour Law

Richmond, Fredericksburg & Potomac Railroad Co., \$100 penalty.

Livestock Quarantine Law

Baltimore & Ohio Railroad Co., interstate movement of infectious car (2 cases), \$200 fines.

E. B. Phillips, Greenville, Tex., interstate shipment of 45 cattle from Louisiana

to Texas without prior tuberculin test, \$100 fine.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but sends copies to-officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request]

Farmers' Bulletin No. 1549. Feeding Cattle for Beef. Revised by the author, W. H. Black, Animal Husbandry Division. Pp. 16, figs. 10. Directory of the Bureau of Animal Industry. Corrected to April 1, 1930. Pp. 67.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: John R. Mohler. Associate Chief: U. G. HOUCK. Assistant Chief: A. W. MILLER. Administrative Assistant: Charles C. Carroll. Chief Clerk: J. R. COHRAN. Editor: D. S. Burch. Editor: D. S. Burch.

Animal Husbandry Division: E. W. Sheets, chief.

Biochemic Division: M. Dorset, chief.

Division of Hog-Cholera Control: U. G. Houck, chief.

Division of Virus-Serum Control: D. I. Skidmore, chief.

Field Inspection Division: G. W. Pope, chief.

Meat Inspection Division: R. P. Steddom, chief.

Packers and Stockyards Division: A. W. Miller, chief.

Pathological Division: John S. Buckley, chief.

Tick Eradication Division: R. A. Ramsay, chief.

Tuberculosis Eradication Division: A. E. Wight, chief.

Zoological Division: Maurice C. Hall, chief. Zoological Division: MAURICE C. HALL, chief. Experiment Station: W. E. COTTON, superintendent. Office of Accounts: George F. Tucker, in charge. Office of Personnel: George H. Russell, in charge.

IL S. GOVERNMENT PRINTING OFFICE: 1930







